STRAIN RELIEF CLAMP



Amphenol Strain Reliefs not only tidy-up the cable after termination but provide good strain relief at the termination area. It is a cost effective cable holding option when environmental protection is not a concern, and weight saving is a major consideration

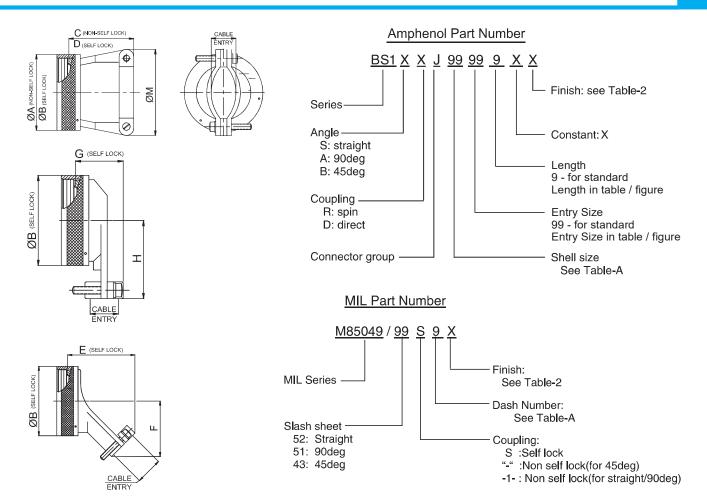
For Connector Group	Page No.
J =	XI-1 - XI-2
К =	► XI-3 - XI-4
L =	► XI-5 - XI-6
M =	► XI-7 - XI-8
N =	→ XI-9 - XI-10

Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11) and for Material / Plating Finish, Refer Table-2 (Page 12)



Connector Group - J

Straight, 90°, 45°



NOTE: * For more cable entry and length options, contact factory

					TABLE	- A								
AMPHENOL PART NUMBER DESIGNATOR	MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	A DIA.(MAX)		AX) B DIA.(MAX) C (MAX)		D (N	/IAX)	E (N	IAX)	F (N	IAX)
SHELL SIZE	DASH NO	SIZE	INCH	мм	INCH	мм	INCH	мм	INCH	мм	INCH	ММ	INCH	мм
08	08	8	0.62	15.67	0.89	22.48	0.63	16.00	0.73	18.54	1.32	33.53	0.77	19.61
10	10	10	0.73	18.64	1.01	25.65	0.74	18.80	0.85	21.59	1.36	34.65	0.80	20.40
12	12	7/12	0.86	21.79	1.14	28.83	0.86	21.84	0.98	24.89	1.44	36.53	0.87	22.00
14	14	12/14	0.98	24.99	1.26	32.00	0.86	21.84	0.98	24.89	1.48	37.59	0.93	23.57
16	16	19/16	1.11	28.24	1.39	35.18	0.99	25.15	1.10	27.94	1.59	40.28	0.99	25.17
18	18	27/18	1.22	30.94	1.51	38.35	1.24	31.50	1.35	34.29	1.70	43.28	1.11	28.19
20	20	37/20	1.35	34.16	1.64	41.53	1.36	34.54	1.48	37.59	1.75	44.40	1.17	29.77
22	22	22	1.47	37.29	1.76	44.70	1.49	37.85	1.60	40.64	1.79	45.52	1.24	31.37
24	24	24	1.59	40.46	1.89	47.88	1.61	40.89	1.73	43.94	1.84	46.63	1.30	32.94
28	28	28	1.97	50.01	2.14	54.23	1.76	44.70	1.88	47.75	1.96	49.81	1.54	39.19
32	32	32	2.22	56.36	2.40	60.83	1.95	49.53	2.13	54.10	2.05	52.04	1.67	42.37
36	36	36	2.47	62.71	2.64	66.93	2.33	59.18	2.44	61.98	2.09	53.16	1.79	45.54
40	40	40	2.72	69.06	2.89	73.28	2.51	63.75	2.63	66.80	2.09	53.19	1.92	48.72
44	44	44	2.97	75.41	3.14	79.63	2.89	73.41	3.00	76.20	2.36	59.94	2.13	54.15
48	48	48	3.22	81.76	3.39	85.98	3.26	82.80	3.40	86.36	2.45	62.18	2.26	57.33

Table Continued

Strain Relief Clamp

Connector Group - J

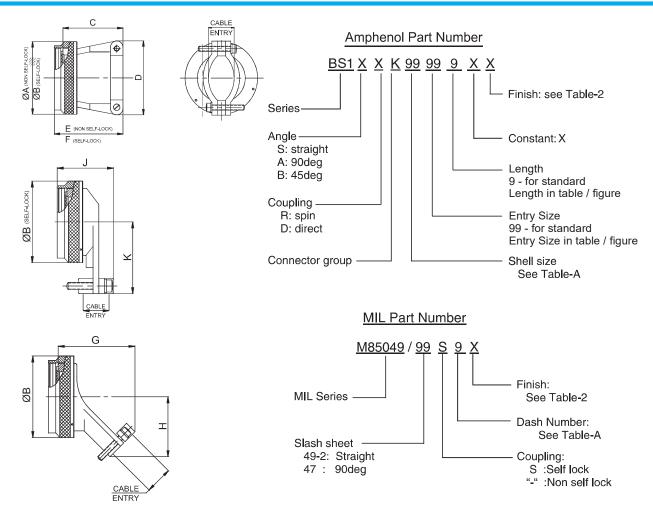
Straight, 90°, 45°

				TABLE	- A							
AMPHENOL PART NUMBER DESIGNATOR	MIL PART NUMBER DESIGNATOR		G (N	IAX)	Н (Л	IAX)	M (N	/IAX)		CABLE	ENTRY	
SHELL SIZE	DASH NO	SIZE								AX		IN
	BAOIINO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	08	8	0.93	23.62	0.75	18.95	0.78	19.86	0.20	5.18	0.13	3.18
10	10	10	1.02	25.91	0.81	20.45	0.86	21.89	0.29	7.26	0.19	4.75
12	12	7/12	1.21	30.73	0.87	22.02	1.00	25.48	0.42	10.57	0.29	7.39
14	14	12/14	1.27	32.26	0.93	23.62	1.06	26.95	0.48	12.09	0.35	8.92
16	16	19/16	1.42	36.07	0.99	25.25	1.33	33.88	0.63	15.90	0.50	12.73
18	18	27/18	1.53	38.86	1.17	29.74	1.47	37.24	0.71	17.93	0.52	13.16
20	20	37/20	1.65	41.91	1.23	31.34	1.57	39.93	0.83	21.11	0.58	14.76
22	22	22	1.78	45.21	1.30	32.92	1.69	42.88	0.96	24.28	0.64	16.36
24	24	24	1.90	48.26	1.36	34.49	1.79	45.47	1.08	27.46	0.71	17.93
28	28	28	2.20	55.88	1.57	39.93	2.04	51.69	1.19	30.15	0.75	19.05
32	32	32	2.27	57.66	1.80	45.64	2.39	60.60	1.25	31.75	0.88	22.23
36	36	36	2.39	60.71	1.92	48.82	2.50	63.40	1.38	34.93	0.94	23.83
40	40	40	2.52	64.01	2.05	51.99	2.57	65.18	1.50	38.10	0.94	23.83
44	44	44	2.77	70.36	2.30	58.32	2.86	72.64	1.75	44.45	1.19	30.18
48	48	48	2.89	73.41	2.42	61.49	3.34	84.94	1.88	47.63	1.31	33.32



Connector Group - K

Straight, 90°, 45°



NOTE: * For more cable entry and length options, contact factory

					TABLE	- A								
AMPHENOL PART NUMBER DESIGNATOR	MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	A DIA.(MAX)		B DIA.(MAX)		C (MAX)		D (MAX)		E (N	/IAX)	F (N	/IAX)
SHELL SIZE	DASH NO	JIZE	INCH	ММ	INCH	мм	INCH	мм	INCH	мм	INCH	мм	INCH	мм
08	08	8	0.62	15.67	0.89	22.48	0.63	16.00	0.73	18.54	1.32	33.53	0.77	19.61
10	10	10	0.73	18.64	1.01	25.65	0.74	18.80	0.85	21.59	1.36	34.65	0.80	20.40
12	12	7/12	0.86	21.79	1.14	28.83	0.86	21.84	0.98	24.89	1.44	36.53	0.87	22.00
14	14	12/14	0.98	24.99	1.26	32.00	0.86	21.84	0.98	24.89	1.48	37.59	0.93	23.57
16	16	19/16	1.11	28.24	1.39	35.18	0.99	25.15	1.10	27.94	1.59	40.28	0.99	25.17
18	18	27/18	1.22	30.94	1.51	38.35	1.24	31.50	1.35	34.29	1.70	43.28	1.11	28.19
20	20	37/20	1.35	34.16	1.64	41.53	1.36	34.54	1.48	37.59	1.75	44.40	1.17	29.77
22	22	22	1.47	37.29	1.76	44.70	1.49	37.85	1.60	40.64	1.79	45.52	1.24	31.37
24	24	24	1.59	40.46	1.89	47.88	1.61	40.89	1.73	43.94	1.84	46.63	1.30	32.94
28	28	28	1.97	50.01	2.14	54.23	1.76	44.70	1.88	47.75	1.96	49.81	1.54	39.19
32	32	32	2.22	56.36	2.40	60.83	1.95	49.53	2.13	54.10	2.05	52.04	1.67	42.37
36	36	36	2.47	62.71	2.64	66.93	2.33	59.18	2.44	61.98	2.09	53.16	1.79	45.54
40	40	40	2.72	69.06	2.89	73.28	2.51	63.75	2.63	66.80	2.09	53.19	1.92	48.72
44	44	44	2.97	75.41	3.14	79.63	2.89	73.41	3.00	76.20	2.36	59.94	2.13	54.15
48	48	48	3.22	81.76	3.39	85.98	3.26	82.80	3.40	86.36	2.45	62.18	2.26	57.33

Table Continued

Strain Relief Clamp

Connector Group - K

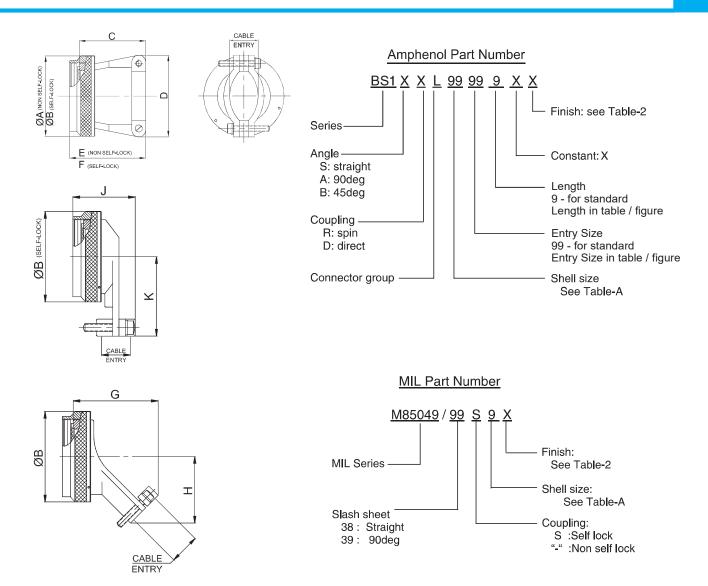
Straight, 90°, 45°

				TABLE	- A							
AMPHENOL PART NUMBER DESIGNATOR	MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	G (N	IAX)	Н (Л	IAX)	M (N	IAX)		CABLE	ENTRY	1
SHELL SIZE	DASH NO	SIZE								۹X		N
	BAGIIIIO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	08	8	0.93	23.62	0.75	18.95	0.78	19.86	0.20	5.18	0.13	3.18
10	10	10	1.02	25.91	0.81	20.45	0.86	21.89	0.29	7.26	0.19	4.75
12	12	7/12	1.21	30.73	0.87	22.02	1.00	25.48	0.42	10.57	0.29	7.39
14	14	12/14	1.27	32.26	0.93	23.62	1.06	26.95	0.48	12.09	0.35	8.92
16	16	19/16	1.42	36.07	0.99	25.25	1.33	33.88	0.63	15.90	0.50	12.73
18	18	27/18	1.53	38.86	1.17	29.74	1.47	37.24	0.71	17.93	0.52	13.16
20	20	37/20	1.65	41.91	1.23	31.34	1.57	39.93	0.83	21.11	0.58	14.76
22	22	22	1.78	45.21	1.30	32.92	1.69	42.88	0.96	24.28	0.64	16.36
24	24	24	1.90	48.26	1.36	34.49	1.79	45.47	1.08	27.46	0.71	17.93
28	28	28	2.20	55.88	1.57	39.93	2.04	51.69	1.19	30.15	0.75	19.05
32	32	32	2.27	57.66	1.80	45.64	2.39	60.60	1.25	31.75	0.88	22.23
36	36	36	2.39	60.71	1.92	48.82	2.50	63.40	1.38	34.93	0.94	23.83
40	40	40	2.52	64.01	2.05	51.99	2.57	65.18	1.50	38.10	0.94	23.83
44	44	44	2.77	70.36	2.30	58.32	2.86	72.64	1.75	44.45	1.19	30.18
48	48	48	2.89	73.41	2.42	61.49	3.34	84.94	1.88	47.63	1.31	33.32



Connector Group - L

Straight, 90°, 45°





				٦	TABLE	- A								
AMPHENOL PART NUMBER DESIGNATOR	MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/CODE	A DIA. (MAX)		IAX) B DIA. (MAX)		(MAX) C (MAX)		D (MAX)		E (N	IAX)	F (N	IAX)
SHELL SIZE	CONNECTOR SHELL SIZE	(REF.)	INCH	мм	INCH	мм	INCH	мм	INCH	мм	INCH	мм	INCH	мм
08	09	09 / A	0.75	19.05		21.82	0.91	23,11	0.85	21.59	1.10	27.94	1.21	30.73
10	11	11 / B	0.85	21.59	0.98	24.99	0.91	23.11	0.90	22.86	1.10	27.94	1.21	30.73
12	13	13 / C	1.00	25.40	1.16	29.36	1.01	25.65	1.10	27.94	1.20	30.48	1.31	33.27
14	15	15 / D	1.10	27.94	1.28	32.54	1.06	26.92	1.15	29.21	1.25	31.75	1.35	34.29
16	17	17 / E	1.25	31.75	1.41	35.71	1.16	29.46	1.30	33.02	1.36	34.44	1.45	36.83
18	19	19/F	1.40	35.56	1.52	38.51	1.41	35.81	1.50	38.10	1.60	40.64	1.71	43.43
20	21	21 / G	1.50	38.10	1.64	41.68	1.51	38.35	1.60	40.64	1.70	43.21	1.81	45.97
22	23	23 / H	1.65	41.91	1.77	44.86	1.66	42.16	1.70	43.18	1.85	46.99	1.95	49.53
24	25	25 / J	1.75	44.45	1.89	48.03	1.76	44.70	1.80	45.72	1.95	49.56	2.05	52.07

Table Continued

Strain Relief Clamp

Connector Group - L

Straight, 90°, 45°

					TABLE	- A								
AMPHENOL PART NUMBER DESIGNATOR	MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/CODE	G (N	G (MAX)		IAX) J (MAX)		K (N	IAX)		CABLE	ENTRY	ſ	
SHELL SIZE	CONNECTOR	(REF.)									М			AX
	SHELL SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM		MM
08	09	09 / A	1.32	33.53	0.77	19.61	1.31	33.27	1.00	25.40	0.10	2.49	0.23	5.94
10	11	11 / B	1.36	34.65	0.80	20.40	1.31	33.27	1.10	27.94	0.15	3.89	0.23	5.94
12	13	13 / C	1.44	36.53	0.87	22.00	1.51	38.35	1.10	27.94	0.19	4.83	0.33	8.33
14	15	15 / D	1.48	37.59	0.93	23.57	1.55	39.37	1.25	31.75	0.26	6.60	0.46	11.61
16	17	17 / E	1.59	40.28	0.99	25.17	1.71	43.43	1.30	33.02	0.28	7.19	0.61	15.60
18	19	19/F	1.70	43.28	1.11	28.19	1.81	45.97	1.35	34.29	0.33	8.26	0.63	16.10
20	21	21 / G	1.75	44.40	1.17	29.77	1.95	49.53	1.60	40.64	0.34	8.71	0.70	17.73
22	23	23 / H	1.79	45.52	1.24	31.37	2.10	53.34	1.75	44.45	0.38	9.68	0.82	20.90
24	25	25 / J	1.84	46.63	1.30	32.94	2.21	56.13	1.85	46.99	0.42	10.62	0.85	21.67

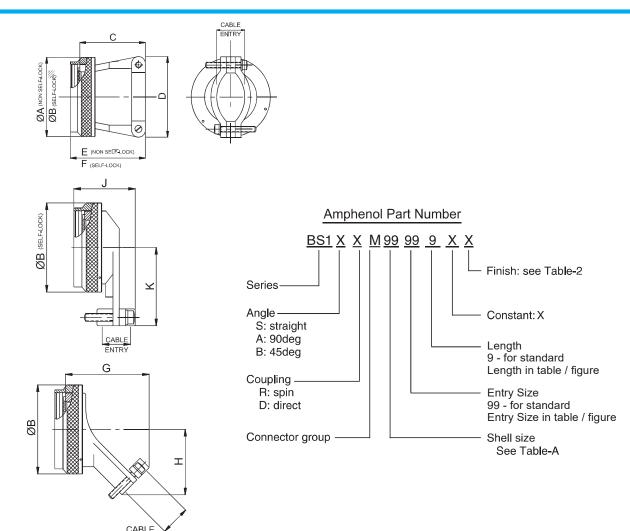
Amphenol Backshells

XI - 6

email: sales@backshellworld.com www.backshellworld.com

Connector Group - M

Straight, 90°, 45°



CABLE ENTRY

					TABLE	E - A							
AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA.	(MAX)	B DIA.	(MAX)	C (N	IAX)	D (N	IAX)	E (N	IAX)	F (N	IAX)
SHELL SIZE		INCH	ММ	INCH	ММ	INCH	ММ	INCH	ММ	INCH	ММ	INCH	мм
08	8	0.75	19.05	0.86	21.82	0.91	23.11	0.85	21.59	1.10	27.94	1.15	29.21
10	10	0.85	21.59	0.98	24.99	0.91	23.11	0.90	22.86	1.10	27.94	1.15	29.21
12	12	1.00	25.40	1.16	29.36	1.01	25.65	1.10	27.94	1.20	30.48	1.25	31.75
14	14	1.10	27.94	1.28	32.54	1.06	26.92	1.15	29.21	1.25	31.75	1.30	33.02
16	16	1.25	31.75	1.41	35.71	1.16	29.46	1.30	33.02	1.36	34.44	1.40	35.56
18	18	1.40	35.56	1.52	38.51	1.41	35.81	1.50	38.10	1.60	40.64	1.65	41.91
20	20	1.50	38.10	1.64	41.68	1.51	38.35	1.60	40.64	1.70	43.21	1.75	44.45
22	22	1.65	41.91	1.77	44.86	1.66	42.16	1.70	43.18	1.85	46.99	1.90	48.26
24	24	1.75	44.45	1.89	48.03	1.76	44.70	1.80	45.72	1.95	49.56	2.00	50.80

Table Continued

Strain Relief Clamp

Connector Group - M

Straight, 90°, 45°

					TABL	E - A							
AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	G (MAX)		K) H (MAX)		K) J (M.		K (N	IAX)		CABLE	ENTRY	r
SHELL SIZE										MIN		M	AX
SHELL SIZE		NCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8	1.32	33.53	0.77	19.61	1.38	35.05	1.00	25.40	0.10	2.49	0.23	5.94
10	10	1.36	34.65	0.80	20.40	1.38	35.05	1.10	27.94	0.15	3.89	0.23	5.94
12	12	1.44	36.53	0.87	22.00	1.46	37.08	1.10	27.94	0.19	4.83	0.33	8.33
14	14	1.48	37.59	0.93	23.57	1.63	41.40	1.25	31.75	0.26	6.60	0.46	11.61
16	16	1.59	40.28	0.99	25.17	1.80	45.72	1.30	33.02	0.28	7.19	0.61	15.60
18	18	1.70	43.28	1.11	28.19	1.82	46.23	1.35	34.29	0.33	8.26	0.63	16.10
20	20	1.75	44.40	1.17	29.77	1.90	48.26	1.60	40.64	0.34	8.71	0.70	17.73
22	22	1.79	45.52	1.24	31.37	2.04	51.82	1.75	44.45	0.38	9.68	0.82	20.90
24	24	1.84	46.63	1.30	32.94	2.15	54.61	1.85	46.99	0.42	10.62	0.85	21.67



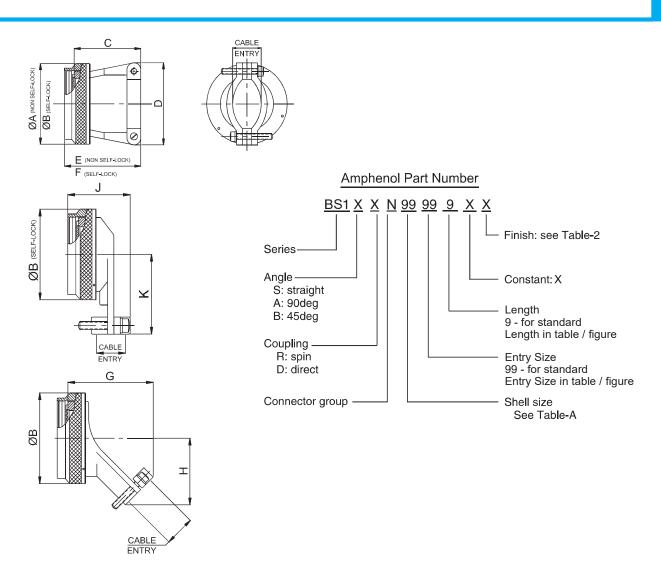
Amphenol Backshells

XI - 8

email: sales@backshellworld.com www.backshellworld.com

Connector Group - N

Straight, **90**°, **45**°



NOTE: * For more cable entry and length options, contact factory

						TABL	E - A													
AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA.	A DIA. (MAX)		A DIA. (MAX)		A DIA. (MAX) E		A. (MAX) B DIA. (MAX)		C (N	IAX)	D (N	IAX)	E (N	IAX)	F (N	IAX)	G (N	/IAX)
SHELL SIZE		INCH	ММ	INCH	ММ	INCH	ММ	INCH	ММ	INCH	ММ	INCH	ММ	INCH	мм					
08	8	0.75	19.05	0.86	21.82	0.91	23.11	0.85	21.59	1.10	27.94	1.15	29.21	1.32	33.53					
10	10	0.85	21.59	0.98	24.99	0.91	23.11	0.90	22.86	1.10	27.94	1.15	29.21	1.36	34.65					
12	12	1.00	25.40	1.16	29.36	1.01	25.65	1.10	27.94	1.20	30.48	1.25	31.75	1.44	36.53					
14	14	1.10	27.94	1.28	32.54	1.06	26.92	1.15	29.21	1.25	31.75	1.30	33.02	1.48	37.59					
16	16	1.25	31.75	1.41	35.71	1.16	29.46	1.30	33.02	1.36	34.44	1.40	35.56	1.59	40.28					
18	18	1.40	35.56	1.52	38.51	1.41	35.81	1.50	38.10	1.60	40.64	1.65	41.91	1.70	43.28					
20	20	1.50	38.10	1.64	41.68	1.51	38.35	1.60	40.64	1.70	43.21	1.75	44.45	1.75	44.40					
22	22	1.65	41.91	1.77	44.86	1.66	42.16	1.70	43.18	1.85	46.99	1.90	48.26	1.79	45.52					
24	24	1.75	44.45	1.89	48.03	1.76	44.70	1.80	45.72	1.95	49.56	2.00	50.80	1.84	46.63					

Table Continued

Strain Relief Clamp

Connector Group - N

Straight, 90°, 45°

				TABL	E - A						
AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	Н (Л	/IAX)	J (N	IAX)	K (N	IAX)		CABLE	ENTRY	(
SHELL SIZE								М	IN	MAX	
SHELL SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8	0.77	19.61	1.38	35.05	1.00	25.40	0.10	2.49	0.23	5.94
10	10	0.80	20.40	1.38	35.05	1.10	27.94	0.15	3.89	0.23	5.94
12	12	0.87	22.00	1.46	37.08	1.10	27.94	0.19	4.83	0.33	8.33
14	14	0.93	23.57	1.63	41.40	1.25	31.75	0.26	6.60	0.46	11.61
16	16	0.99	25.17	1.80	45.72	1.30	33.02	0.28	7.19	0.61	15.60
18	18	1.11	28.19	1.82	46.23	1.35	34.29	0.33	8.26	0.63	16.10
20	20	1.17	29.77	1.90	48.26	1.60	40.64	0.34	8.71	0.70	17.73
22	22	1.24	31.37	2.04	51.82	1.75	44.45	0.38	9.68	0.82	20.90
24	24	1.30	32.94	2.15	54.61	1.85	46.99	0.42 10.62		0.85	21.67



Amphenol Backshells

XI - 10

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